

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046585.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 22:09
 Operator : YP/AJ
 Sample : 04536-04MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-4MS

Integration File: autoint1.e
 Quant Time: Sep 27 01:11:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

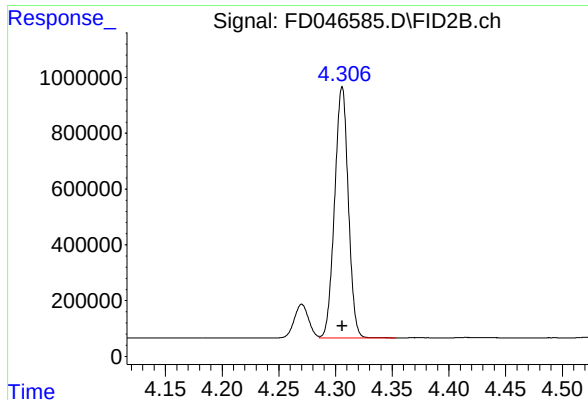
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.492	10284154	58.358 ug/ml
Spiked Amount 50.000		Recovery =	116.72%
6) S 2-Fluorobiphenyl (SURR)	8.347	6901963	59.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.14%
11) S ortho-Terphenyl (SURR)	11.383	8233629	40.415 ug/ml
Spiked Amount 50.000		Recovery =	80.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	7561160	40.938 ug/ml
2) T Naphthalene (C11.7)	5.831	8478415	43.876 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	8619487	44.479 ug/ml
5) T Acenaphthylene (C15.06)	8.150	9167092	51.990 ug/ml
7) T Acenaphthene (C15.5)	8.446	9056875	48.202 ug/ml
8) T Fluorene (C16.55)	9.225	9492555	52.622 ug/ml
9) T Phenanthrene (C19.36)	10.614	9952364	56.604 ug/ml
10) T Anthracene (C19.43)	10.690	9779271	63.669 ug/ml
12) T Fluoranthene (C21.85)	12.419	10222875	59.979 ug/ml
13) T Pyrene (C20.8)	12.714	10285243	62.696 ug/ml
14) T Benzo[a]anthracene (C...	14.578	9404372	67.350 ug/ml
15) T Chrysene (C27.41)	14.623	9568182	63.030 ug/ml
16) T benzo[b]fluoranthene ...	16.120	8955293	65.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	8798232	63.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	8388425	62.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	8353232	66.640 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	7770532	58.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	7827176	59.354 ug/ml

(f)=RT Delta > 1/2 Window

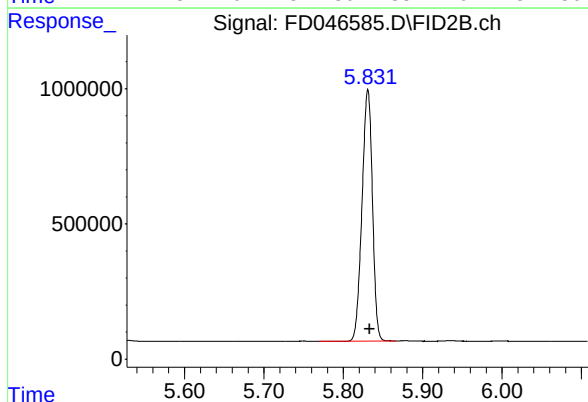
(m)=manual int.



#1 1,2,3-Trimethylbenzene (C10.1)

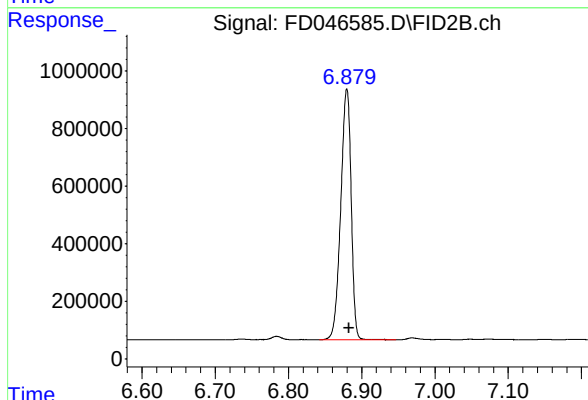
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 7561160
Conc: 40.94 ug/ml

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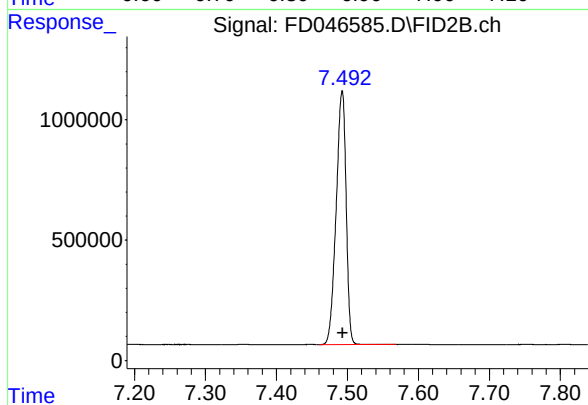
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 8478415
Conc: 43.88 ug/ml



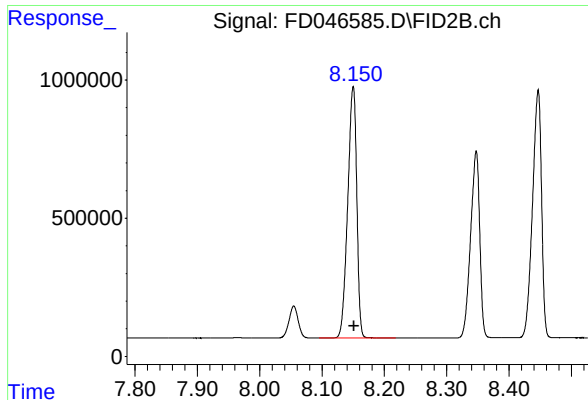
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 8619487
Conc: 44.48 ug/ml



#4 2-Bromonaphthalene (SURR)

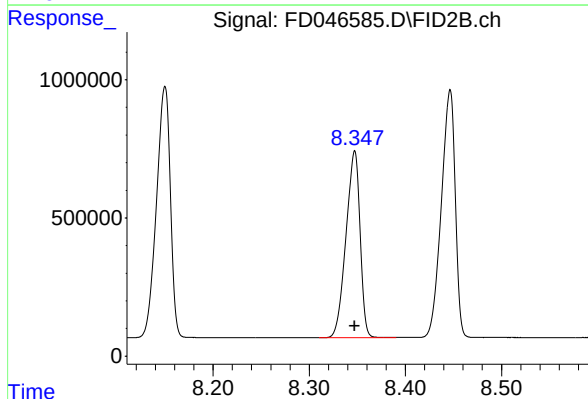
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 10284154
Conc: 58.36 ug/ml



#5 Acenaphthylene (C15.06)

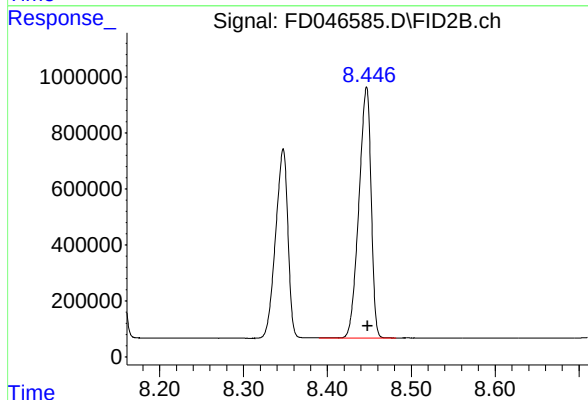
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 9167092
Conc: 51.99 ug/ml

Instrument :
FID_D
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T-4MS



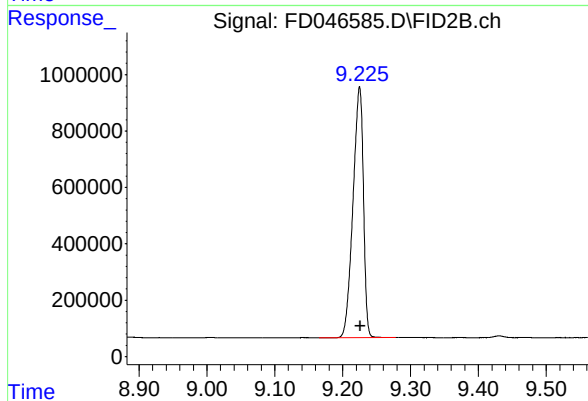
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 6901963
Conc: 59.57 ug/ml



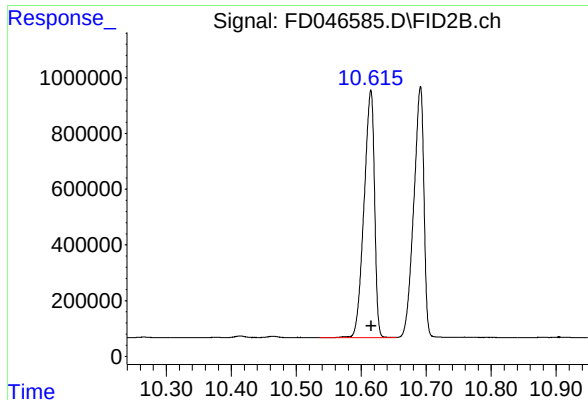
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 9056875
Conc: 48.20 ug/ml



#8 Flouorene (C16.55)

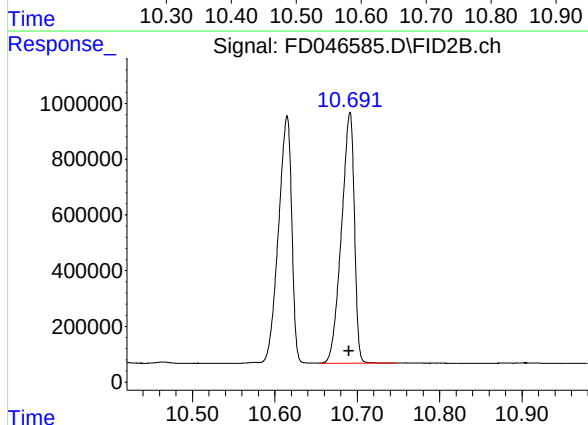
R.T.: 9.225 min
Delta R.T.: -0.002 min
Response: 9492555
Conc: 52.62 ug/ml



#9 Phenanthrene (C19.36)

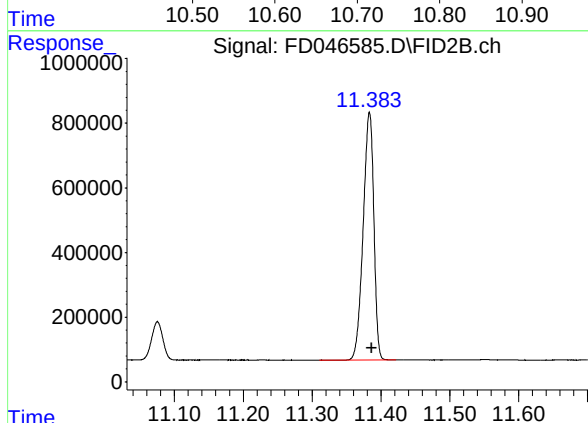
R.T.: 10.614 min
Delta R.T.: -0.001 min
Response: 9952364
Conc: 56.60 ug/ml

Instrument :
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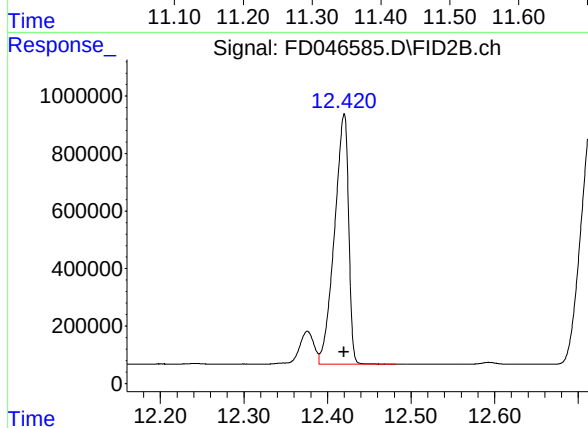
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 9779271
Conc: 63.67 ug/ml



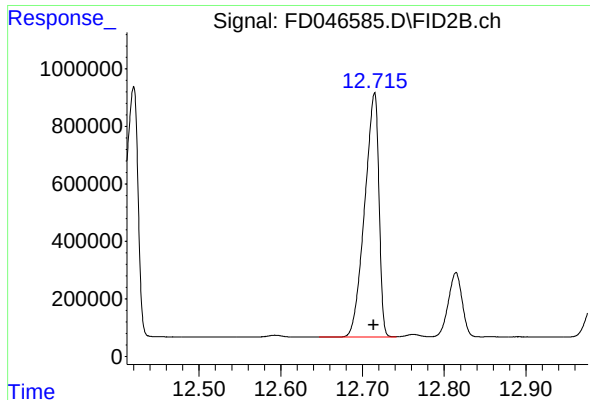
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 8233629
Conc: 40.41 ug/ml



#12 Fluoranthene (C21.85)

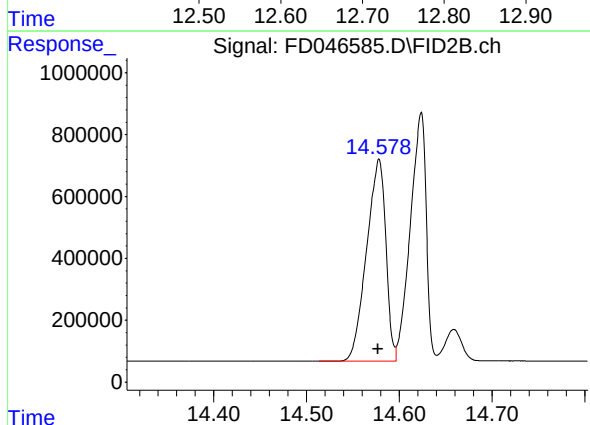
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 10222875
Conc: 59.98 ug/ml



#13 Pyrene (C20.8)

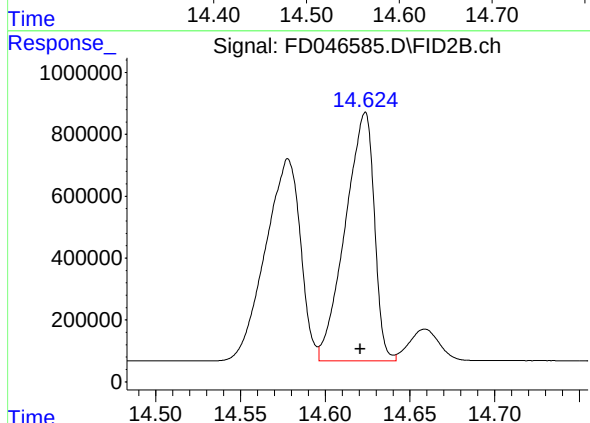
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 10285243
Conc: 62.70 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MS



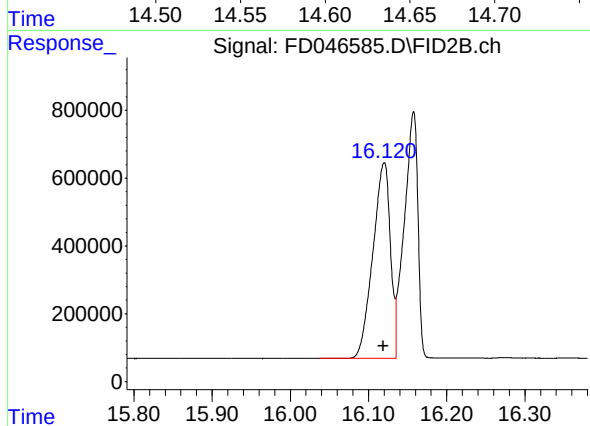
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.000 min
Response: 9404372
Conc: 67.35 ug/ml



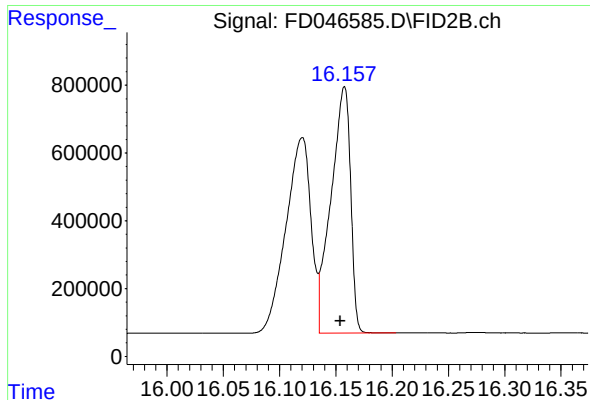
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.002 min
Response: 9568182
Conc: 63.03 ug/ml



#16 benzo[b]fluoranthene (C30.41)

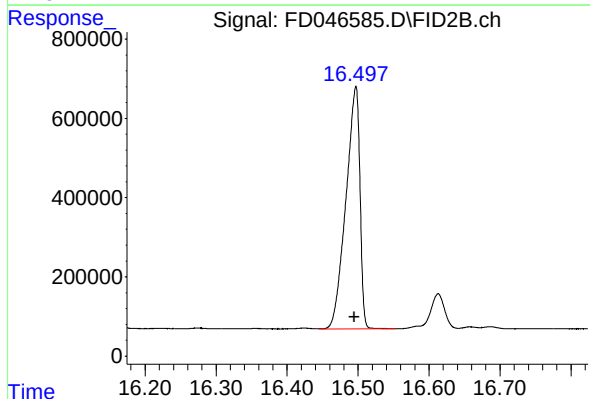
R.T.: 16.120 min
Delta R.T.: 0.000 min
Response: 8955293
Conc: 65.29 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

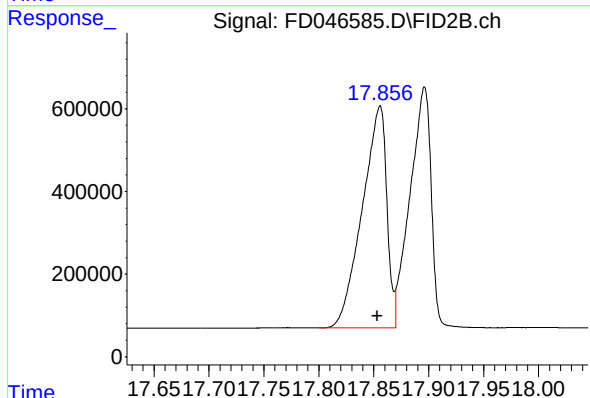
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 8798232
Conc: 63.51 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MS



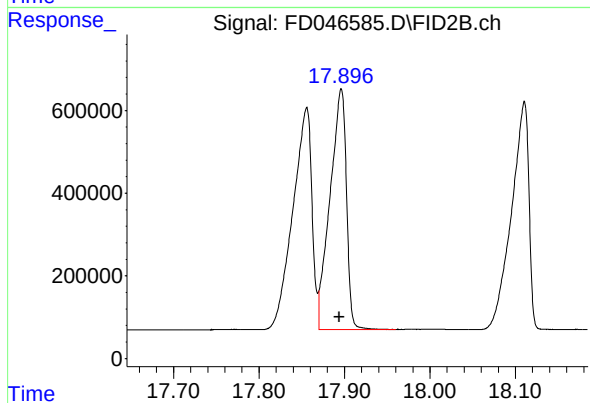
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: 0.002 min
Response: 8388425
Conc: 62.70 ug/ml



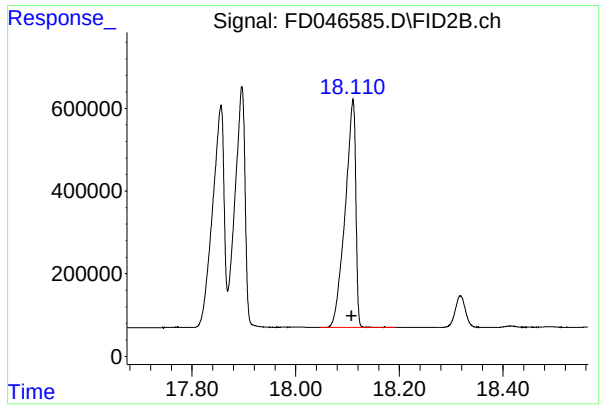
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.001 min
Response: 8353232
Conc: 66.64 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 7770532
Conc: 58.39 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.110 min
Delta R.T.: 0.001 min
Response: 7827176
Conc: 59.35 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MS